GOVERNMENT OF INDIA
ATOMIC ENERGY
LOK SABHA

UNSTARRED QUESTION NO:2388
ANSWERED ON:30.11.2016
Functioning of Nuclear Power Plants
Swami Maharaj Dr. Sakshi

Will the Minister of ATOMIC ENERGY be pleased to state:

(a)the names of the States where Nuclear Power Plants are functioning;

(b)the State-wise details of quantum of electricity generated by these plants including Uttar Pradesh;

(c)the names of the States where Nuclear Power Plants are likely to be established during the next five years along with the details of the capacity of these proposed plants; and

(d)the proposal of the Government for more power projects in view the increasing demand of power?

Answer

THE MINISTER OF STATE FOR PERSONNEL, PUBLIC GRIEVANCES & PENSIONS AND PRIME MINISTER'S OFFICE (Dr. JITENDRA SINGH):

(a)Presently nuclear power plants are operating in the states of Uttar Pradesh, Rajasthan, Gujarat, Maharashtra, Karnataka & Tamil Nadu.

(b)The details are attached as Annexure.

(c)In the next five years, nuclear power plants are likely to be operationalised in the states of Gujarat and Rajasthan on completion of Kakrapar Atomic Power Projects(KAPP units 3&4) (2X700 MW) and Rajasthan Atomic Power Projects (RAPP units 7&8) (2X700 MW) respectively, which are presently under construction.

(d)The Government has accorded sanction to two more nuclear Power Projects viz, GHAVP-1&2 (2 X 700 MW) at Gorakhpur, Haryana and KKNPP-3&4 (2 X 1000 MW) at Kudankulam, Tamil Nadu and work on these projects has commenced.

The Government has also accorded 'in principle' approval for following sites for locating reactors in future based on both indigenous technologies and with foreign technical cooperation.

Site & Location Capacity (MW)
Indigenous Reactors

Gorakhpur, Haryana 2 x 700@
Chutka, Madhya Pradesh 2 x 700
MahiBanswara, Rajasthan 4 x 700
Kaiga, Karnataka 2 x 700
Bhimpur, Madhya Pradesh 4 X 700
Kalpakkam, Tamilnadu 2 x 500

Reactors with Foreign Cooperation

Kudankulam, Tamilnadu 2 x 1000$
Jaitapur, Maharashtra 6 x 1650
Kovvada, Andhra Pradesh 6 x 1110
ChhayaMithiVirdi, Gujarat6 x 1000*
Haripur, West Bengal 6 x 1000*

@ In addition to GHAVP-1&2
$ In addition to KKNPP 1 to 4
* Nominal Capacity

The projects at these sites are planned in phases of twin units.

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Annexure

Annexure referred to in reply to Part (b) of Lok Sabha Unstarred Question No. 2388 for answer on 30/11/2016

Operational Nuclear Power Plants in the country

State	Location	Units	Capacity (MW)
Maharashtra	Tarapur	TAPS-1	160
		TAPS-2	160
		TAPS-3	540
		TAPS-4	540
Rajasthan	Rawatbhata	RAPS-1*	100
		RAPS-2	200
		RAPS-3	220
		RAPS-4	220
		RAPS-5	220
		RAPS-6	220
Tamil Nnadu	Kalpakkam	MAPS-1	220
		MAPS-2	220
	Kudankulam	KKNPP-1	1000
		KKNPP-2$	1000
Uttar Pradesh	Narora	NAPS-1	220
		NAPS-2	220
Gujarat	Kakrapar	KAPS-1#	220
		KAPS-2#	220
Karnataka	Kaiga	KGS-1	220
		KGS-2	220
		KGS-3	220
		KGS-4	220

*Under extended shutdown for techno-economic assessment for continued operation.

#Presently the units are under long shutdown for Enmasse Coolant Channel Replacement (EMCCR) and Enmasse Feeder Replacement (EMFR)

$Presently, generating infirm (non-commercial) power. Commercial operation expected by year end.

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